

MANUFACTURING EXTENSION PARTNERSHIP

Success Stories from the Field

Magnum Manufacturing

Utah Manufacturing Extension Partnership

Magnum Manufacturing Achieves Iso 9001:2000 Certification

Client Profile:

Magnum Manufacturing, founded in 1984 as a supplier of railroad products, has since expanded operations to its current six-acre, 18,000 square foot facility located in Pleasant Grove, Utah. The company employs 21 people. In 1999, Magnum Manufacturing expanded its precast concrete product lines to include commercial and residential building products. Magnum Manufacturing is a major supplier of precast concrete grade crossings and other maintenance equipment to the railroads and railroad contractors throughout the United States.

Situation:

Magnum Manufacturing's main customer recently informed the company that it needed to become ISO certified within a short period of time to retain this contract. Magnum had begun the process of certification two years earlier, but had not been able to obtain the needed registration. The company enlisted the Utah Manufacturing Extension Partnership (Utah MEP), a NIST MEP network affiliate, to prepare it for registration to the ISO 9001:2000 standard.

Solution:

Utah MEP helped Magnum Manufacturing develop a quality manual, a quality policy, and four measurable quality objectives as part of the ISO compliance requirements. By working from Utah MEP's sample forms and templates, Magnum was able to organize its efforts and proceed through the process of creating and implementing an ISO compliant Quality Management System. Utah MEP also helped Magnum select a registrar. The company achieved ISO 9001:2000 registration in six months--three to six months faster than the average ISO preparation and certification process.

Results:

Achieved ISO 9001:2000 certification in half the average time.

Retained 100 percent of business with the major customer.

Renewed its contract for a larger region, thereby increasing production by 250 percent.

Increased focus on quality and continuous improvement.

Improved product quality.

Saved thousands of dollars in scrap and rework costs by improving processes.

Testimonial:

www.mep.nist.gov



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“The assistance and direction the Utah Manufacturing Extension Partnership offered in the ISO registration process was very helpful. We moved through the process in a quick and efficient manner. Without the help of the Utah MEP the process would have been significantly longer. We have really appreciated the assistance of Utah MEP.”

Jason Smith, Manager, Special Projects